

FIG. 3

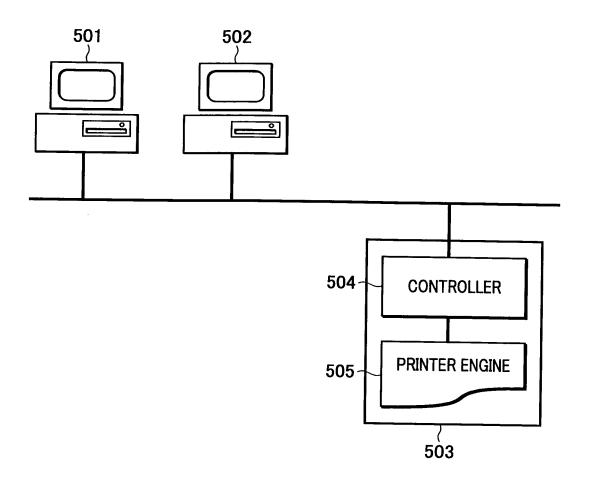


FIG. 4

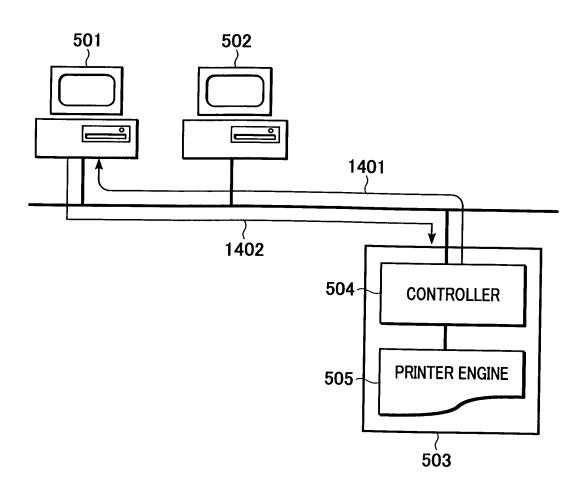


FIG. 5

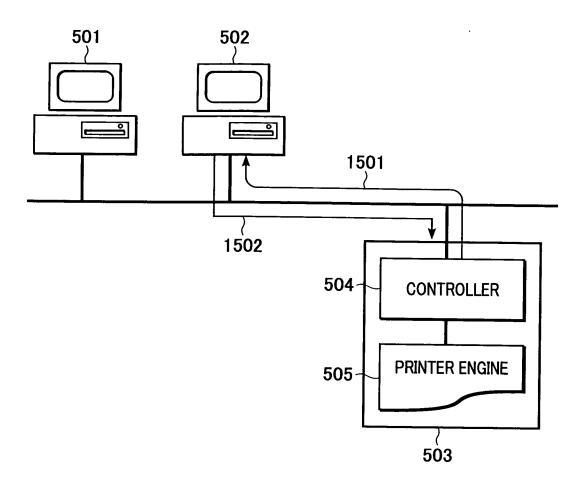
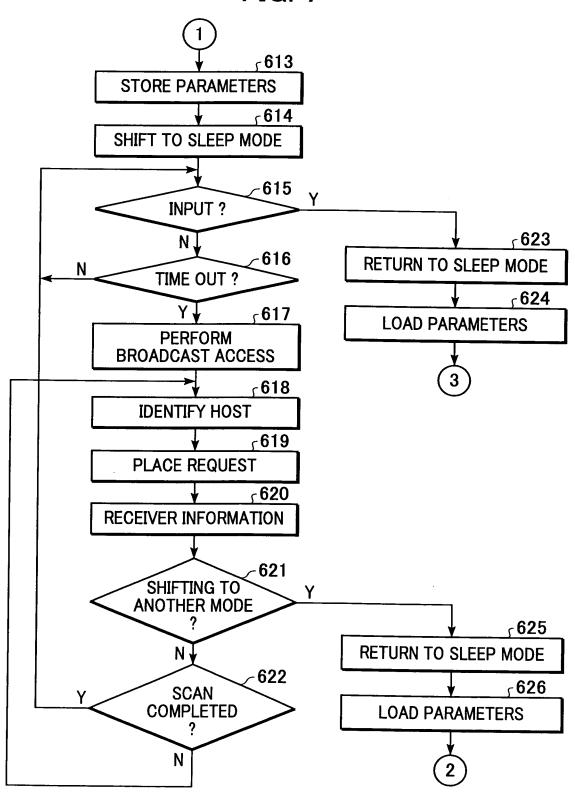


FIG. 6 **START 600** <sub>6</sub>01 **PERFORM INITIAL SETTING** 602 N **INPUT?** 603 STORE DESIGNATED **PARAMETER** -604 **INPUT?** (3) NJ **605** -606 TIME OUT? **PERFORM PRINTING OPERATION** <sub>6</sub>608 **PERFORM BROADCAST ACCESS** <sub>6</sub>609 607 **SCAN IDENTIFY HOST COMPLETED?** <sub>610</sub> **PLACE REQUEST** Ν <sub>611</sub> RECEIVE INFORMATION *−*612 SHIFTING N TO ANOTHER MODE?

FIG. 7



				_							_		
MODE SHIFT TIME OUT	2.0h	0.5h	I ALL HOSTS		SNOIL	MODE SHIFT TIME OUT	1.0h	1.0h	1.0h	TATE	!		
PROCESS IDLE TIME	1.0h	0.5h	ISION STATE OR PSEUDO-SUSPENSION STATE IN		SS PSEUDO-SUSPENSION COND	PROCESS IDLE TIME	2.0h	1.5h	1.5h	SUSPENSION STATE OR PSEUDO-SUSPENSION S IN AT LEAST TWO HOSTS	PRINTER B		
PROCESS LOAD THRESHOLD	0.2	0.2				PROCESS LOAD THRESHOLD	6.0	6.0	6.0				
USER NAME	ikeda	tanaka		PRINTER A	PROCES	USER NAME	ike	taka	taka			AL	~708
PROCESS NAME	PROCESS X IN SUSPENSION	PROCESSES Q AND Y IN SUSPENSION	PROCESS IN SUSPEN			PROCESS NAME	PROCESS Q IN SUSPENSION	PROCESS X IN SUSPENSION	PROCESS Y IN SUSPENSION	PROCESS IN		<b>JST SAMPLING INTERV</b>	5min
HOST NAME	HOST A (host1. caxx. co. jp)	HOST B (host2. caxx. co. jp)	CONDITIONS FOR SHIFTING TO POWER SAVING MODE			HOST NAME	HOST C (host3. caxx. co. jp)	HOST D (host4. caxx. co. jp)	HOST D (host5. caxx. co. jp)	CONDITIONS FOR SHIFTING TO POWER SAVING MODE		Н	POWER SAVING ON
	CONDITION 1	CONDITION 2	707 SHIFTING CONDITION								,	FIG. 8B	
	PROCESS NAME USER NAME   PROCESS LOAD   PROCESS   THRESHOLD   IDLE TIME	HOST A (host1. caxx. co. jp)  RROCESS NAME USER NAME THRESHOLD IDLE TIME 1.0h  1.0h	HOST A (host2. caxx. co. jp)  HOST B (host2. caxx. co. jp)  ROCESS NAME  USER NAME  USER NAME  PROCESS LOAD  THRESHOLD  IN SUSPENSION  tanaka  USER NAME  THRESHOLD  IN SUSPENSION  tanaka  O.2  1.0h  IN SUSPENSION  TANAME  THRESHOLD  TO THE TIME  1.0h  1.0h  TO THRESHOLD  TO THRESHO	HOST NAME PROCESS NAME USER NAME THRESHOLD IN SUSPENSION HOST B (host2. caxx. co. jp) IN SUSPENSION CONDITIONS FOR SHIFTING TO POWER SAVING MODE TO PROCESS LOAD THRESHOLD TO POWER SAVING MODE TO POWER SAVING MODE	HOST NAME PROCESS NAME USER NAME PROCESS LOAD PROCESS HOST INE THRESHOLD IN SUSPENSION TAINE TO POWER SAVING MODE TO PROCESS IN SUSPENSION STATE OR PSEUDO-SUSPENSION STATE IN PRINTER A	HOST A (host1. caxx. co. jp)  HOST B (host2. caxx. co. jp)  CONDITIONS FOR SHIFTING TO POWER SAVING MODE  PROCESS NAME USER NAME PROCESS LOAD THRESHOLD TO POWER SAVING MODE TO POWER	HOST NAME PROCESS NAME USER NAME THRESHOLD IDLE TIME IN SUSPENSION STATE OR PSCUDO-SUSPENSION STATE IN PROCESS IN SUSPENSION STATE OR PSCUDO-SUSPENSION CONDITIONS FOR SHIFTING PROCESS IN SUSPENSION STATE OR PSCUDO-SUSPENSION CONDITIONS HOST NAME PROCESS NAME USER NAME PROCESS LOAD PROCESS NAME PROCESS LOAD PROCESS LOAD PROCESS LOAD PROCESS LOAD IDLE TIME TIME THRESHOLD IDLE TIME	HOST A (host1. caxx. co. jp) HOST B (host2. caxx. co. jp) HOST B (host3. caxx. co. jp) HOST C (host3. caxx. co. jp)	HOST NAME	HOST NAME PROCESS NAME USER NAME THRESHOLD IDLE TIME THOST A (host1. caxx. co. jp) PROCESS Q AND Y Lanaka CONDITIONS FOR SHIFTING PROCESS IN SUSPENSION STATE OR PSEUDO-SUSPENSION STATE IN PROCESS IN SUSPENSION STATE OR PSEUDO-SUSPENSION STATE IN PROCESS IN SUSPENSION STATE OR PSEUDO-SUSPENSION CONDITIONS FOR SHIFTING PROCESS IN SUSPENSION STATE OR PSEUDO-SUSPENSION CONDITIONS CAXX. co. jp) IN SUSPENSION IN SUSPENSION (ike O.3 2.0h IN SUSPENSION IN SUSPENSION (ike O.3 1.5h IN SUSPENSION) IN SUSPENSION (ike O.3 1.5h	HOST NAME	HOST NAME	HOST NAME

POWER SAVING OFF

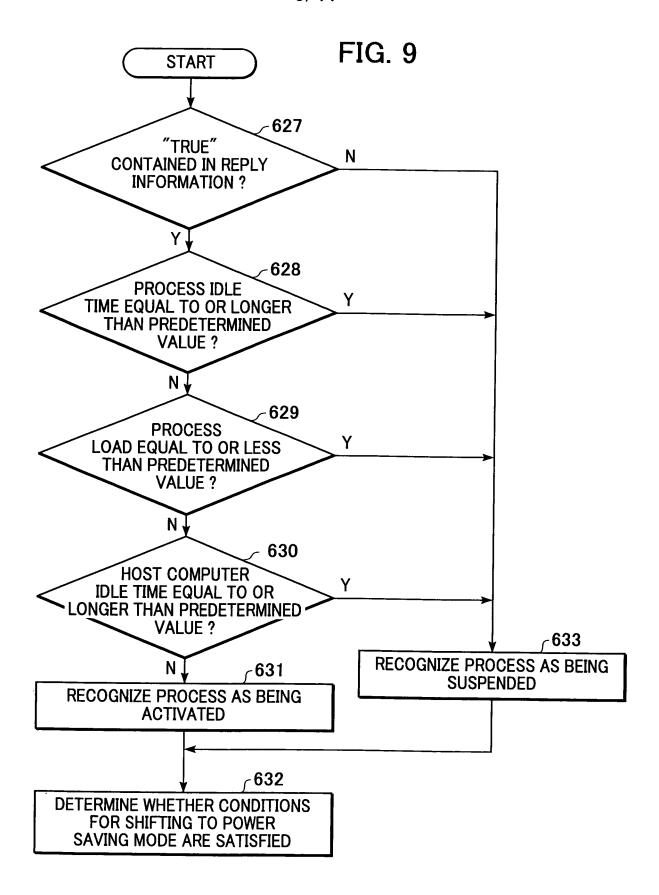
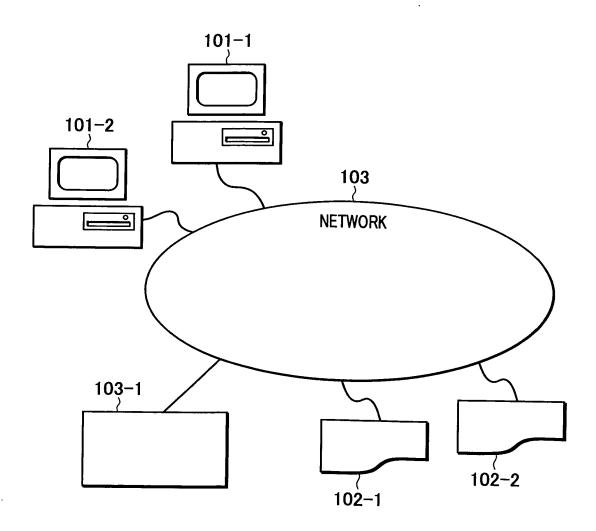


FIG. 10



## FIG. 11

## STORAGE MEDIUM SUCH AS FD/CD-ROM

## DIRECTORY INFORMATION FIRST DATA PROCESSING PROGRAM GROUP OF PROGRAM CODES CORRESPONDING TO STEPS IN FLOW DIAGRAMS SHOWN IN FIGS. 6 AND 7 SECOND DATA PROCESSING PROGRAM GROUP OF PROGRAM CODES CORRESPONDING TO STEPS IN FLOW DIAGRAM SHOWN IN FIG. 9

MEMORY MAP OF STORAGE MEDIUM